

REMARKS

Applicants, their principal representatives in Germany, and the undersigned have carefully reviewed the first Office Action of April 22, 2003 in the subject U.S. patent application, together with the prior art cited and relied on by the Examiner in the rejections of the claims. In response, the specification and claims of the application, as presented in the Preliminary Amendment, have been amended. It is believed that the claims now pending in the application are patentable over the prior art references cited and relied on by the Examiner. Reexamination and reconsideration of the application, and allowance of the claims is respectfully requested.

The subject application discloses, and claims a cylinder that is intended for use in a rotary printing press. It is important to maintain the surface of the cylinder at an even, uniform temperature. This is accomplished by structuring the cylinder having a cylinder base body with an outer circumference. A cylinder outer body overlies the cylinder base body. The cylinder outer body includes an inner surface and an outer shell surface. It is the outer shell surface of the cylinder outer body that either directly or indirectly acts when the cylinder is placed in a rotary printing press.

A space or gap is provided between the cylinder base body outer circumference and the cylinder outer body inner surface. This space or gap is sized and configured to allow the flow of a tempering medium. The size and configuration of the gap is selected to insure that the flow of the tempering fluid will provide an even temperature distribution across the outer shell surface of the roller.